

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



# Plant Pest News

United States Department  
of Agriculture

Animal and Plant Health  
Inspection Service

Plant Protection  
and Quarantine

August 1981  
Volume 01  
Number 06

## MEDITERRANEAN FRUIT FLY RETURNS TO FLORIDA

Three Mediterranean fruit fly adults were collected in Hillsborough County, Florida, on August 4, 1981. The flies, two males and a female, were found in Jackson traps by a Plant Protection and Quarantine (PPQ) officer in Tampa. The specimens were identified by H. Denmark, Chief of Entomology, Florida Division of Plant Industry. R. Foote of the Insect Identification and Beneficial Insect Introduction Institute confirmed the identification.

By August 5, inspectors were installing additional traps and cutting host fruits in an effort to determine the limits of the infested area. Florida, which has a \$2-4 billion citrus crop, has been in a state of alert ever since the spring. It was then that California was implementing an intensive ground campaign to eradicate Mediterranean fruit fly. Ground spraying will begin in a 6-block area around the site in East Tampa on August 7. Aerial application of malathion bait, over 1,821 ha (4,500 acres), was scheduled to begin on August 11 in an area 2.4 km (1.5 mi) around the detection site.

## NEW APPLE PEST ESTABLISHED IN MAINE

The New Pest Advisory Group met on May 28, 1981, to develop recommendations for action against Psylla mali (apple sucker). This pest, which was collected in

Maine last year, was considered a significant pest in Nova Scotia and New Brunswick, Canada, during 1920 to the 1930's. It is also recognized as a serious pest of apples in Europe. See Plant Pest News 1(2):2.

Of the recommendations developed, H. L. Ford, Deputy Administrator, PPQ, elected the following:

1. PPQ will encourage Maine and the surrounding States to conduct surveys.
2. PPQ will provide survey techniques for Psylla mali to those States interested in surveying for the pest.

## WOOLLY WHITEFLY COLLECTED IN HAWAII

A few immature specimens of woolly whitefly (Aleurothrixus floccosus) were collected in Hawaii for a new State record. The specimens were taken, alive, from dooryard Surinam cherry (Eugenia uniflora) leaves at Aiea, Oahu Island, on March 7, 1981. W. Kobayashi, Hawaii Department of Agriculture, collected the specimens and S. Nakahara, PPQ, made the identifications.

Nakahara noted that this species can be economic if there are none of its parasites in the infested area. L. M. Nakahara, Hawaii Department of Agriculture, has indicated biocontrol as the management strategy against the infestation. In addition to Hawaii, woolly whitefly is known to occur in California, Florida, and Texas.





## MAILING LIST CHANGES

To cancel this publication, please write "delete" through your name on the mailing label; indicate address changes on your mailing label; changes cannot be

made without the mailing code. To be added, deleted, or to make other address changes, please send your request to the return address on the last page. It takes 4-6 weeks for any change to become effective.

## PEST INTERCEPTIONS OF QUARANTINE SIGNIFICANCE AT PORTS OF ENTRY

The following interception records, furnished by T. Wallenmaier, PPQ, provide a sampling of exotic pests in the family Diaspididae, also known as "armored scale insects". The females are very small and soft bodied and are concealed under a scale covering. These insects injure plants by sucking sap, and when numerous may kill a plant.

<u>Pest</u>	<u>Probable Origin</u>	<u>Port of Entry</u>	<u>Officer</u>	<u>Notes</u>
<u>Aspidiella hartii</u> (Cockerell)	Japan	Jacksonville	J. MacKean	This was found on ginger roots.
<u>Aspidiotus australiensis</u> Kuwana	New Guinea	Kennedy Airport, NY	J. Yee	This scale was discovered infesting an air shipment of orchids.
<u>Melanaspis calura</u> (Cockerell)	Mexico	Kennedy Airport, NY	D. Walters	This insect was taken on a <u>Spondi</u> sp. fruit in air passenger baggage.
<u>Parlatoria ziziphi</u> (Lucas)	Bangladesh	Kennedy Airport, NY	J. Armstrong	This is the "black parlatoria scale," a serious pest of lemon, orange, and lime in various parts of the world.
<u>Pseudaonidia trilobitiformis</u> Green	Dominican Republic	Kennedy Airport, NY	N. Mendel	While this was intercepted on <u>Citrus</u> , it is also known as a pest of avocado.
<u>Unaspis yanonensis</u> (Kuwana)	Japan	Seattle	M. Harris	This is one of the most serious pests of <u>Citrus</u> in Japan.







**Plant Pest News**

United States Department of Agriculture  
Animal and Plant Health Inspection Service  
Plant Protection and Quarantine  
Federal Building  
Room 402  
Hyattsville, MD 20782

**OFFICIAL BUSINESS**

Penalty for Private Use, \$300

Postages and Fees Paid

U.S. Department  
of Agriculture

AGR-101

**FIRST CLASS**

